

What is Claimed is:

1. A sealing feature for a multiple-piece housing for optoelectronic devices, said sealing feature including a channel having an intermittently varying cross-sectional area and capable of receiving therein a gasket having a substantially constant cross-sectional area.
2. The sealing feature as in claim 1, in which said channel includes a plurality of minimum cross-sectional area portions capable of tightly securing said gasket.
3. The sealing feature as in claim 2, wherein said channel is formed within a first sealing surface formed in a first piece of said multiple-piece housing and a second piece of said multiple-piece housing includes a second sealing surface and, when said gasket is disposed within said channel and said first piece and said second piece are joined to form said multiple-piece housing, said first sealing surface and said second sealing surface form a substantially conterminous boundary and said gasket includes maximum compression points substantially only at each of said plurality of minimum cross-sectional area portions.
4. The sealing feature as in claim 3, further comprising fastening means securing said first piece to said second piece.
5. The sealing feature as in claim 2, wherein said channel is formed within a first sealing surface formed in a first piece of said multiple-piece housing and a second piece of said multiple-piece housing includes a second sealing surface including a tongue extending therefrom, and, when said gasket is disposed within said channel and said first piece and said second piece are

joined to form said multiple-piece housing, said first sealing surface and said second sealing surface form a substantially conterminous boundary, said tongue is received within said channel and compresses said gasket, and said gasket includes maximum compression points only at each of said plurality of minimum cross-sectional area portions.

6. The sealing feature as in claim 1, in which said cross-sectional area varies regularly.

7. A multiple piece housing for optoelectronic devices comprising a first piece including a first sealing surface and contacting a second sealing surface of a second piece, and a corrugated channel formed within said first sealing surface and retaining a gasket having a substantially constant cross-sectional area, said gasket contacting said second surface and ridged portions of said corrugated channel.